

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	545	(Yoshida near5 Masahiko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:19
L2	51	L1 and (correct\$3 near4 (value pattern) ((intersect\$4 perpendicular\$5 normal) near5 (mov\$3 movement direct\$4) near5 (print\$4 form\$3 head nozz\$4 carr\$3 carrag\$3)) (upstream upper lower downstream) near8 edg\$3 (margin border\$4)) same (line\$1 dot\$1 pixel PEL picture near6 element) and (ink near4 jet eject\$4 near5 ink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:25
L3	3	("6428139"   "6565180"   "6764156").PN. OR ("7249820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:27
L4	3	("6354688"   "6390598").PN. OR ("7347524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:29
L5	9	("5406392"   "5699090"   "5825377").PN. OR ("6354688").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:29
L6	6	("4198642"   "6190001"   "6203134"   "6217149").PN. OR ("6390598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:29
L7	4	("20050185012"   "6354688"   "6830306"   "7347524").PN. OR ("7410235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:29
L8	3	("6250734"   "6547370"   "6832824").PN. OR ("7377606").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:29
L9	4	("20050185012"   "6354688"   "6830306"   "7347524").PN. OR ("7410235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:30
L10	2	("6076915"   "6565180").PN. OR ("7419238").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:30
L11	1014	(Seiko-Epson-\$).as. and (correct\$3 near4 (value pattern) ((intersect\$4 perpendicular\$5 normal) near5 (mov\$3 movement direct\$4) near5 (print\$4 form\$3 head nozz\$4 carr\$3 carrag\$3)) (upstream upper lower downstream) near8 edg\$3 (margin border\$4)) same (line\$1 dot\$1 pixel PEL picture near6 element) and (ink near4 jet eject\$4 near5 ink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:31

L12	131	L11 and (correct\$3 adjust\$4 enhanc\$4 improv\$4 calibrat\$4) with (darkness insufficient near\$4 light\$4 bright\$5) lumin\$4 density near\$5 (gr\$1y gradat\$4))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:36
L13	25	"4523200"   "4888598"   "5424769"   "5513431"   "5534900"   "5644341").PN. OR ("5994316").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:36
L14	14	"5049898"   "5497180"   "5742306"   "5825377"   "5984449"   "6036298"   "6145961").PN. OR ("6592212").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:37
L15	16	"5049898"   "5497180"   "5742306"   "5777641"   "5795082"   "5825377"   "5984449"   "6031627"   "6036298"   "6089691"   "6099105"   "6145961"   "6338538"   "6341841").PN. OR ("6655784").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:37
L16	3	"6078410"   "6519054").PN. OR ("6679575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:37
L17	10	"4736254"   "5703695"   "6542258").PN. OR ("6731407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:38
L18	14	"20010030671"   "5448269"   "6082911"   "6126345"   "6137592"   "6196736"   "6439684"   "6454390"   "6464321"   "6523926"   "6692096"   "6700593"   "6769759"   "6832825").PN. OR ("6964465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:41
L19	15682	(368/1.8,1.9,1.2,1.12,1.13,3.03,3.2,296,406,504).ocds.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:41
L20	14157	(347/73,82,43,79,37,98,10,16,11,15,19,36,41,104,47,32,107,24,115).ocds.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:42
L21	12155	((correct\$3 test calibrat\$4 adjust\$4) near\$4 (value pattern reference) ((intersect\$4 perpendicular \$5 normal) near\$5 (mov\$3 movement direct\$4) near\$5 (print\$4 form\$3 head nozz\$4 carr\$3 carriage\$3)) (upstream upper lower downstream) near\$5 edg\$3 (margin border\$4)) same (line\$1 dot\$1 pixel PEL picture near\$5 element) and (ink near\$4 jet eject\$4 near\$5 ink)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:43
L22	1070	L19 and L21	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:45

L23	177	L22 and (correct\$3 adjust\$4 enhanc\$4 improv\$4 calibrat\$4) with (darkness insufficient near4 (light\$4 bright\$5) lumin\$4 density near5 (gr\$1y gradat\$4))	US-PGRUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:45
L24	36	("2566550"   "3090828"   "3394385"   "3553708"   "3621138"   "3693179"   "3798365"   "3878519"   "3925787"   "4012676"   "4030122"   "4243994"   "4251824"   "4266251").PN. OR ("4492966").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:46
L25	28	"4764748"   "5121446"   "5121447"   "5130819"   "5153925").PN. OR ("5394250").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:47
L26	18	("4656505"   "4908712"   "4953015"   "4994901"   "5038208"   "5057852"   "5168552").PN. OR ("5861896").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:47
L27	17	"20020080144"   "20030085932"   "20030090729"   "20030218780"   "4700232"   "5029019"   "5436734"   "5506699"   "5903361"   "6055065"   "6608701"   "6652059"   "6704123"   "6717700"   "6778299"   "7068396"   "7079289").PN. OR ("7440139").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:49
L28	15	"4852485"   "5031534"   "5402253"   "5502579"   "5508827"   "5734800"   "5933578"   "5936749"   "6421140"   "6505557"   "6527356"   "6611357"   "6671050"   "6810810"   "7075643").PN. OR ("7423778").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:50
L29	13	"20010035966"   "20020054354"   "20020140652"   "20050031199"   "20060187507"   "5801855"   "6215561"   "6330075"   "6373990"   "6415065"   "6543870"   "6721063"   "6814420").PN. OR ("7411707").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:50
L30	5	"6305775"   "6336705"   "6847377"   "6867883"   "6894720").PN. OR ("7320510").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:50
L31	2620	L20 and L21	US-PGRUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:50
L32	107	L31 and (correct\$3 adjust\$4 enhanc\$4 improv\$4 calibrat\$4) with (darkness insufficient near4 (light\$4 bright\$5) lumin\$4 density near5 (gr\$1y gradat\$4))	US-PGRUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/20 12:50
L33	26	("4345262"   "4710784"   "5036337"   "5428376").PN. OR ("5726690").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:51
L34	31	("4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4723129"   "4740796"   "5142374"   "5343231").PN. OR ("5825377").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:51
L35	18	("4656505"   "4908712"   "4953015"   "4994901"   "5038208"   "5057852"   "5168552").PN. OR ("5861896").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/02/20 12:52

L36	9	"5428377").PN. OR ("6053609").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:52
L37	23	"4396924"   "4468679"   "4550326"   "4621273"   "4631548"   "4914451"   "4967203"   "4967209"   "4999646"   "5196056"   "5258774"   "5369428"   "5422666"   "5485180"   "5541625"   "5583550"   "5731827"   "5764256").PN. OR ("6155670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:52
L38	9	"5406392"   "5699090"   "5825377").PN. OR ("6354688").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:53
L39	24	"4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4570168"   "4621343"   "4723129"   "4740796"   "4878063"   "5245390"   "5250956"   "5488397"   "5564948"   "5697011"   "5911526"   "6076915"   "6109722"   "6164749"   "6257143").PN. OR ("6474767"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:53
L40	15	"4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4621890"   "4698648"   "4723129"   "4740796"   "4892372"   "5353052"   "6076915"   "6198549").PN. OR ("6547360"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:54
L41	3	"6474768"   "6494557").PN. OR ("6582050").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/20 12:54

2/20/2009 12:54:52 PM

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